Metals to meet all needs

SteelLinx Rebar

Your reinforcements are here.

As the nation's largest purchaser and distributor of rebar and remesh, BlueLinx connects you to one of the most comprehensive lines of concrete forming, fabrication, construction products, and accessories. Reinforcing bar, or rebar, is a hot-rolled steel product used primarily for reinforcing concrete structures. Meeting ASTM specifications, rebar grades are available varying in yield strength, bend test requirements, and composition.

Rebar – Grade 40

ITEM #	Bar #	SIZE	DESCRIPTION
138629	#3	3/8" X 20'	REINFORCING BAR
158304	#4	1/2" X 20'	REINFORCING BAR
142517	#5	5/8" X 20'	REINFORCING BAR

Rebar – Grade 60

ITEM #	Bar #	SIZE	DESCRIPTION
113419	#4	1/2" X 10'	REINFORCING BAR
182478	#5	5/8" X 10'	REINFORCING BAR
174810	#3	3/8" X 20'	REINFORCING BAR
121376	#4	1/2" X 20'	REINFORCING BAR
197185	#5	5/8" X 20'	REINFORCING BAR
120727	#6	3/4" X 20'	REINFORCING BAR

Rebar Pins

ITEM #	Bar #	SIZE	DESCRIPTION
222152	#3	3/8" X 18"	REBAR PINS
140465	#3	3/8" X 24"	REBAR PINS
542092	#4	1/2" X 12"	REBAR PINS
317619	#4	1/2" X 18"	REBAR PINS
542103	#4	1/2" X 24"	REBAR PINS
125795	#4	1/2" X 48"	REBAR PINS

Grade 280 / Grade 40

Due to lower carbon content, grade 280 is easier to bend.

- **Typical applications:** Residential construction

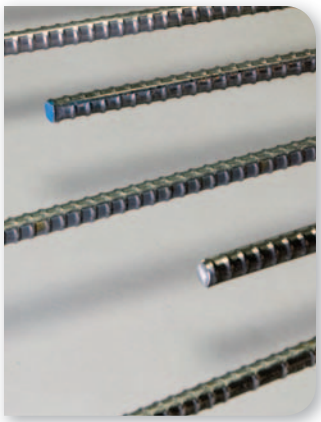
Grade 420 / Grade 60

Used in high stress rated applications, higher carbon content provides increased vertical strength.

- **Typical applications:** Dams, atomic power stations, or commercial buildings

No-Grade

No-grade rebar is not tested as it is rolled. Cannot be used in applications where mill certified products are required.



- **Typical applications:** Sidewalks, driveways, or other flat pours

ASTM Specifications

ASTM A 615

Deformed and plain billet steel bars for concrete reinforcing. Grades 280 (40) and 420 (60). Reinforcing bars manufactured to meet ASTM A 615, A 706 and are subject to availability.

Identification

Every mill uses its own identification pattern to differentiate its rebar from another. The following illustrates how to read rebar identification.

Sizes

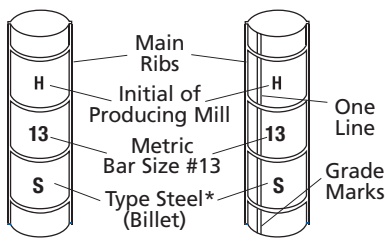
Metric Size	Bar Number	Nominal Size	Weight Per Ft. (lbs.)	Weight Per 20' (lbs.)
10	#3	3/8" (.3759)	.376	7.52
13	#4	1/2" (.5009)	.668	13.36
16	#5	5/8" (.6259)	1.043	20.86
19	#6	3/4" (.7509)	1.502	30.04
22	#7	7/8" (.8759)	2.044	40.88
25	#8	1" (1.0009)	2.670	53.40
29	#9	1-1/8" (1.1289)	3.400	68.00
32	#10	1-1/4" (1.2709)	4.303	86.06
36	#11	1-3/8" (1.4109)	5.313	106.26
43	#14	1-3/4" (1.6939)	7.650	153.00
57	#18	2-1/4" (2.2579)	13.600	272.00

Cut-to-Size Rebar

Cut-to-size rebar has a variety of applications. It can be used for concrete reinforcement, construction stakes, landscaping projects, or tree and vegetable stakes.

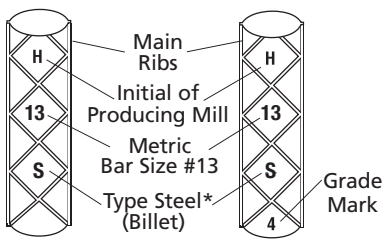
Lengths Available	Bar Diameter (inches)
12"	3/8, 1/2
18"	3/8, 1/2
24"	3/8, 1/2, 5/8
48"	3/8, 1/2, 5/8
6'	3/8, 1/2, 5/8
8'	3/8, 1/2, 5/8
10'	3/8, 1/2, 5/8

Line System—Grade Marks



Grade 280 (40) Grade 420 (60)

Number System—Grade Marks



Grade 280 (40) Grade 420 (60)

Key

S = Billet
W = Low Alloy

** Bars marked with an S and W meet both A 615M and A 706M*

- **Variations:** Bar identification marks may also be oriented to read horizontally. (At 90° to those illustrated above.) Grade mark lines must be continued at least five deformed spaces. Grade mark numbers may be placed within separate consecutive deformation spaces to read vertically or horizontally.